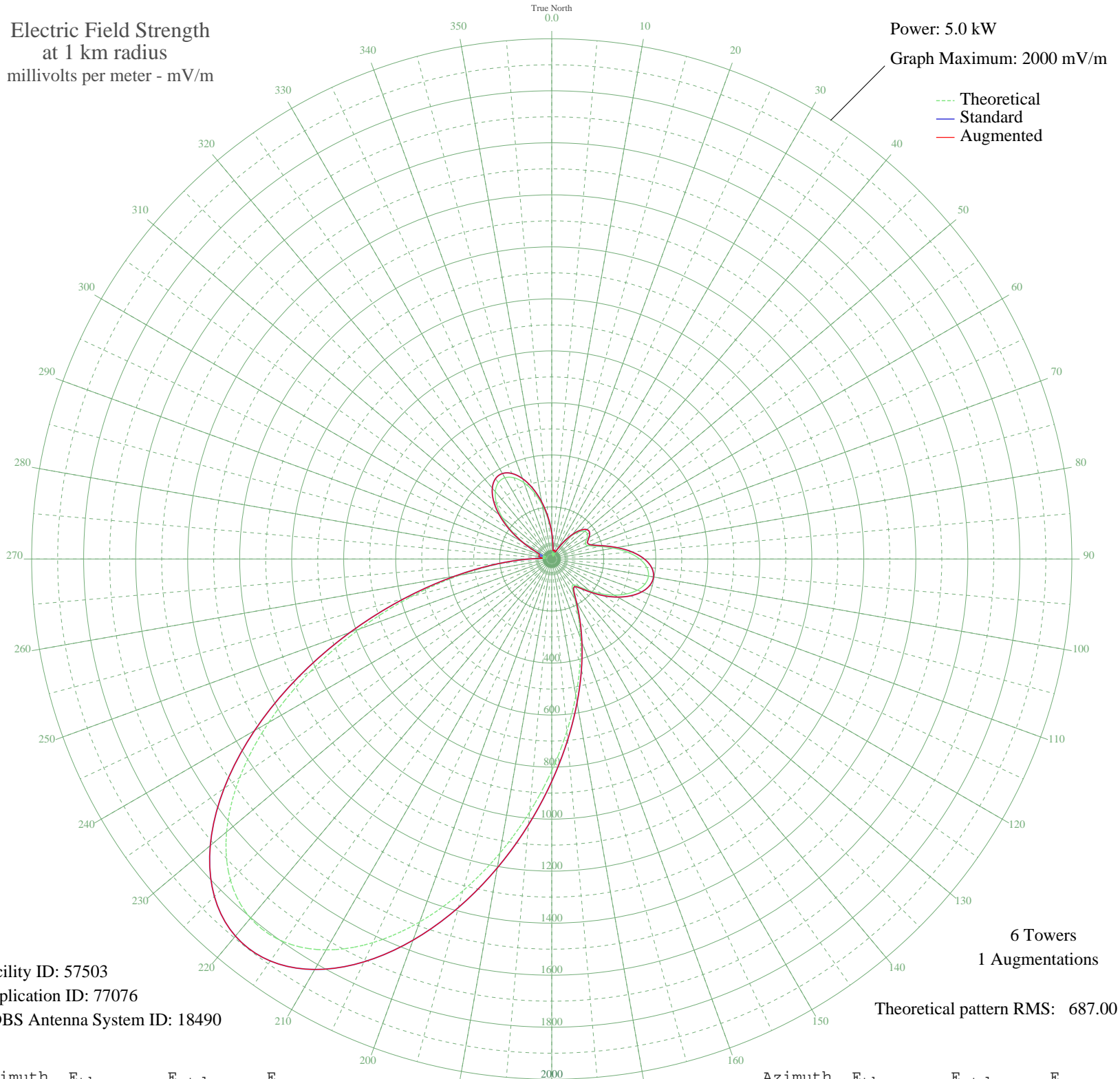


# KJLL SOUTH TUCSON, AZ BL-19850321AE 1330 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 57503  
Application ID: 77076  
CDBS Antenna System ID: 18490

6 Towers  
1 Augmentations

Theoretical pattern RMS: 687.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	92.96	101.12	101.12
5	43.78	53.02	53.02
10	15.66	31.12	31.12
15	22.12	35.18	35.18
20	21.91	35.03	35.03
25	11.44	29.02	29.02
30	33.79	44.24	44.24
35	73.37	81.44	81.44
40	113.94	122.52	122.52
45	146.85	156.44	156.44
50	165.56	175.83	175.83
55	167.25	177.59	177.59
60	155.24	165.13	165.13
65	142.33	151.77	151.77
70	149.80	159.49	159.49
75	186.83	197.95	197.95
80	240.31	253.70	253.70
85	294.24	310.08	310.08
90	338.23	356.13	356.13
95	366.69	385.92	385.92
100	377.52	397.27	397.27
105	371.28	390.74	390.74
110	350.30	368.76	368.76
115	317.87	334.81	334.81
120	277.68	292.75	292.75
125	233.47	246.57	246.57
130	189.36	200.58	200.58
135	151.24	160.98	160.98
140	129.68	138.71	138.71
145	138.10	147.39	147.39
150	178.08	188.84	188.84
155	241.11	254.54	254.54
160	321.88	339.00	339.00
165	419.23	440.99	440.99
170	533.61	560.91	560.91
175	665.41	699.18	699.18

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	813.91	855.01	855.01
185	976.52	1025.68	1025.68
190	1148.19	1205.89	1205.89
195	1321.13	1387.44	1387.44
200	1484.95	1559.42	1559.42
205	1627.33	1708.90	1708.90
210	1735.24	1822.19	1822.19
215	1796.60	1886.62	1886.62
220	1802.15	1892.44	1892.44
225	1747.10	1834.65	1834.65
230	1632.35	1714.17	1714.17
235	1464.82	1538.28	1538.28
240	1256.80	1319.90	1319.90
245	1024.52	1076.07	1076.07
250	786.04	825.76	825.76
255	558.95	587.49	587.49
260	358.39	377.23	377.23
265	195.60	207.07	207.07
270	78.02	86.07	86.07
275	23.31	36.01	36.01
280	39.93	49.56	49.56
285	36.58	46.61	50.87
290	23.80	36.36	50.10
295	61.66	69.93	71.33
300	122.59	131.40	131.40
305	187.75	198.90	198.90
310	248.98	262.76	262.76
315	300.40	316.52	316.52
320	337.71	355.58	355.58
325	358.17	377.00	377.00
330	360.44	379.39	379.39
335	344.65	362.85	362.85
340	312.30	328.97	328.97
345	266.25	280.81	280.81
350	210.69	222.79	222.79
355	150.88	160.62	160.62

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission